Name: _____

Solve each problem.

1) Paul was buying chips and dip for his party. The choices he has are listed below.

Chips	Dip
Oval	Ranch
Round	Bean
	Cheese
	Onion
	Salsa

If he gets one type of chip and one type of dip, how many different combinations can he choose from?

2) Gwen was trying to decide which salad to order for lunch.

Salad	Dressing
Ham	Italian
Vegetable	Ranch
Caesar	Vinaigrette
Fruit	French
Chef	Ginger

If each salad comes with 1 dressing, how many different combinations does she have to choose from?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

3) At Roger's Pizza Palace you can order one type of pizza and one drink for $9. Their menu is shown below.

Pizza	Drink
Cheese	Juice
Bacon	Soda
Pepperoni	Punch
Sausage	Milk
	Water

How many different combinations of pizza and drink do you have to choose from?

4) A video game lets you choose a characters hair style, hair color and their class. Their choices are listed below.

Hair Style	Hair Color	Class
Mowhawk	Blue	Warrior
Curly	Brown	Mage
	Black	Thief
	Red	

How many different combinations do you have to choose from?

5) Cody was trying to decide what to wear for his first day of school. The clothes in his closet are listed below.

Shirt Color	Bottom
Yellow	Khaki
Green	Shorts
Blue	Kilt
Orange	Pants
White	Capri

How many different outfits choices does he have?

6) A baker lets customers pick one type and color of icing and one color of sprinkles. Her menu is below.

Cake	Icing	Sprinkles
Vanilla	Yellow	Yellow
Marble	Green	Green
Ice Cream	White	Pink
Strawberry	Red	Purple
Chocolate		Rainbow

How many different combinations can you choose from?

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1. __**10**__

2. __**25**__

3. __**20**__

4. __**24**__

5. __**25**__

6. __**100**__

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Math